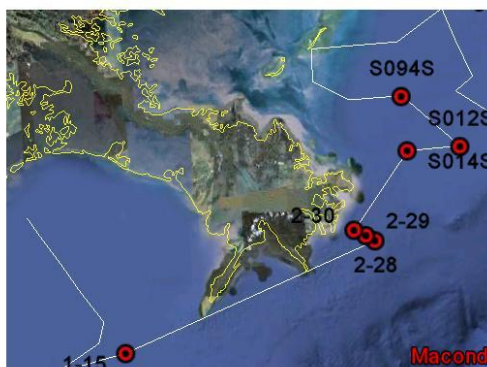


<i>Seabed Grab Sampling Operations</i>	
Vessel	R/V Ryan Chouest
Summary Report Number	09
Operating equipment	Van Veen grab (0.1 square m)
Date	16 October 2010
Completed casts (24 hr)	6
Report complied by	Michael J. Hamilton

Seabed sampling locations



72	S094S	Sed	Grab	29.384303	-88.842241	-23.312500
73	S012S	Sed	Grab	29.253319	-88.690663	-64.937500
74	S014S	Sed	Grab	29.252666	-88.837190	-60.937500
75	2-30	Sed	Grab	29.071752	-89.000147	-28.812500
76	2-29	Sed	Grab	29.056664	-88.968618	-56.000000
77	2-28	Sed	Grab	29.042491	-88.944628	-70.312500
78	1-15	Sed	Grab	28.814695	-89.653364	-74.000000

Grab samples were processed and stored in accordance with SOPRC01. Where grab volume was sufficient samples of sediment were taken, prepared and stored (frozen - 20°C) for hydrocarbon, trace metal, BTEX, grain size, total inorganic carbon (TIC) total organic carbon (TOC) and Microtox™ toxicology analysis onshore.

Core samples were taken from the grab sediments where sample depth allowed using core sections OD 110mm to a depth 0-3cm.

Station S094S**Lat: 29.384303****Long: -88.842243****01:37 (CDT)****Sediment**

Recovery: Total 1 grabs attempts. Sample taken from grab #1

Visible contamination: None

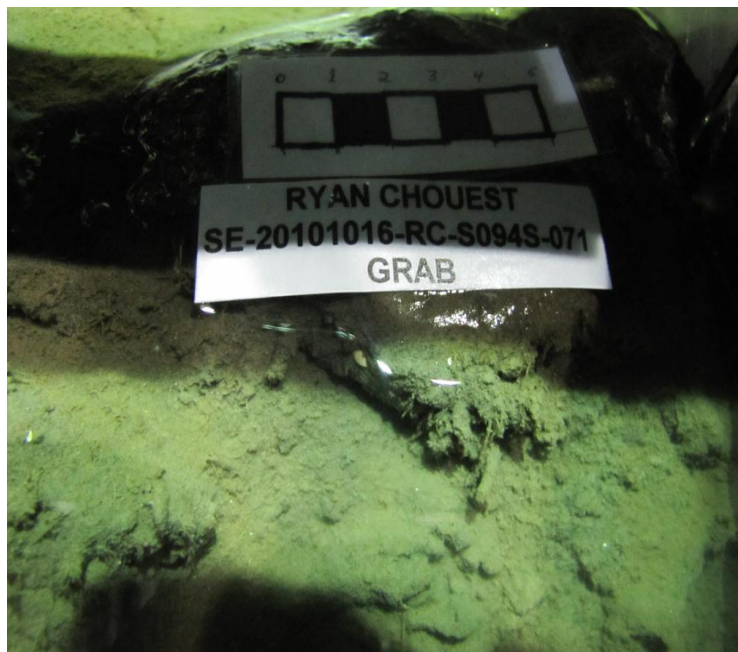
Olfactible contamination: None

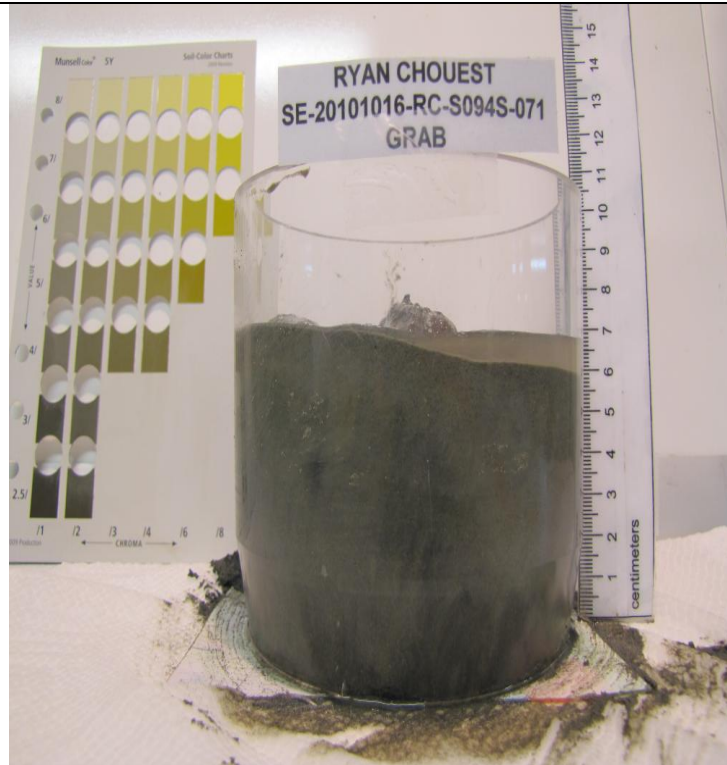
Description: Fine sand and silt

Color: Dark gray 5Y3/1

Remarks: None

Biota: None





Station S014S

Lat: 29.252669

Long: -88.837184

05:50 (CDT)

Sediment

Recovery: Total 2 grabs attempts. Sample taken from grab #2

Visible contamination: None

Olfactible contamination: None

Description: Silt

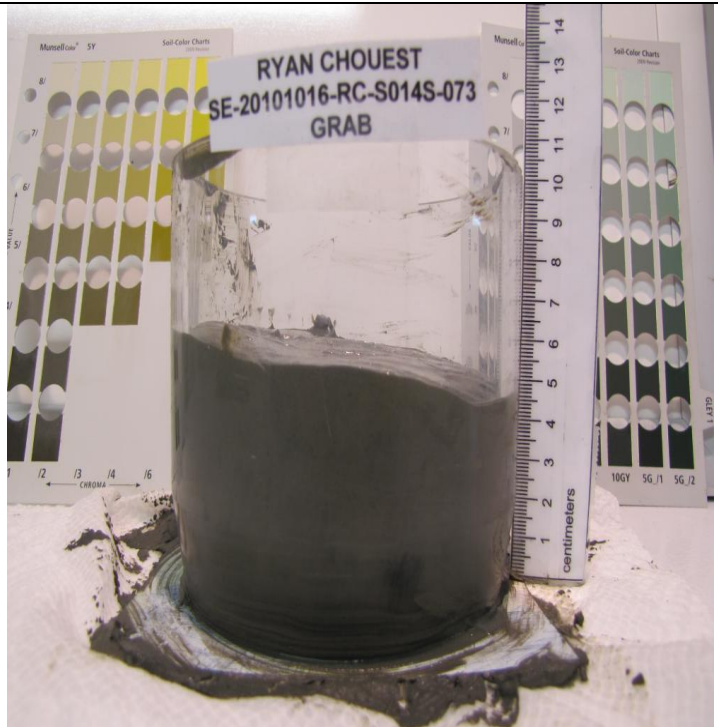
Upper layer Color: Dark olive gray 5Y3/2

Lower layer color: Greenish black GLEY1 2.5/5y



Remarks: None

Biota: Snail



Station 2-30

Lat: 29.071752

Long: -89.000154

08:18 (CDT)

Sediment

Recovery: Total 2 grabs attempts. Sample taken from grab #2.

Visible contamination: None

Olfactible contamination: None

Description: Fine sand and silt

Color:
Upper layer Color: Dark olive
gray 5Y3/2

Lower layer color: Greenish
black GLEY1 2.5/5y

Remarks: None

Biota: Crab



Station 2-29

Lat: 29.056661
Long: -88.968620
09:16 (CDT)

Sediment

Recovery: Total 1 grabs attempts. Sample taken from grab #1.

Visible contamination: None

Olfactible contamination: None

Description: Silt

Color:

Upper layer Color: Dark olive gray 5Y3/2

Lower layer color: Greenish black GLEY1 2.5/5y

Remarks: None

Biota: None



Station 2-28

Lat: 29.042492

Long: -88.944626

10:10 (CDT)

Sediment

Recovery: Total 2 grabs attempts. Sample taken from grab #2.

Visible contamination: None

Olfactible contamination: None

Description: Silt

Color: Dark olive gray 5Y3/2

Remarks: None

Biota: Tube worms and burrows



Station 1-15

Lat: 28.814694

Long: -89.653367

21:48 (CDT)

Sediment

Recovery: Total 1 grabs attempts. Sample taken from grab #1.

Visible contamination: None

Olfactible contamination: None

Description: Soupy Silt

Color: Dark Olive Grey 5Y /2 3/2

Remarks: None

Biota: none

